

I Claim:

1. A system providing a real time display to the rear of a large vehicle having a normal blind spot to its rear, said system comprising:
 - a display assembly mounted in close proximity to the driver for easy viewing by the driver;
 - a camera assembly mounted at a top rear portion of the vehicle; and
 - a control unit for controlling the several functions of the camera assembly
- 2 The system according to claim 1 wherein said control unit focuses the camera.
3. The system according to claim 1 wherein said control unit changes the viewing angle of said camera.
4. The system according to claim 1 wherein said control unit controls zooming in and out of the camera
5. The system according to claim 1 further comprising:
 - defogging/defrosting means and said control unit controls turning on and off of said defogging/defrosting means,.
- 6 The system according to claim 1 further comprising:
 - wiper means and said control unit controls turning on and off said wiper means
- 7 The system according to claim 1 wherein said camera assembly further comprises:
 - a housing enclosing a camera and a protective shield through which said camera view to the rear of the vehicle and said control unit controls raising and lowering of said shield.
8. The system according to claim 1 wherein said display assembly comprises:
 - housing means mountable within a driver compartment of the vehicle within easy viewing distance of the driver; and

monitor means mounted on said housing for movement between a storage position within said housing and a display position depending from said housing.

9. The system according to claim 1 wherein said system is tied into the ignition of the vehicle and enable only when the ignition is turned on.

10. The system according to claim 1 wherein said display assembly and said camera assembly are connected by electrical cables.

11. The system according to claim 1 wherein said display assembly and said camera assembly are in wireless communication.

12. The system according to claim 1 further comprising means to secure said camera assembly to an upper rear edge of a vehicle.

13. The system according to claim 1 wherein said camera assembly includes a digital camera.

14. The system according to claim 1 wherein said display assembly includes an LCD monitor.

15. The device providing rear viewing from a large vehicle thereby eliminating blind spots, comprising

display means mounted in a driver compartment of said vehicle in a location readily viewable by the driver, said display means having a housing with a monitor mounted therein;

camera means having a protective housing enclosing a camera and providing rearwardly directed viewing;

means connecting said display means and said camera means providing power thereto and data exchange therebetween; and

control means controlling the functions of the camera.